

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 January 2005 (13.01.2005)

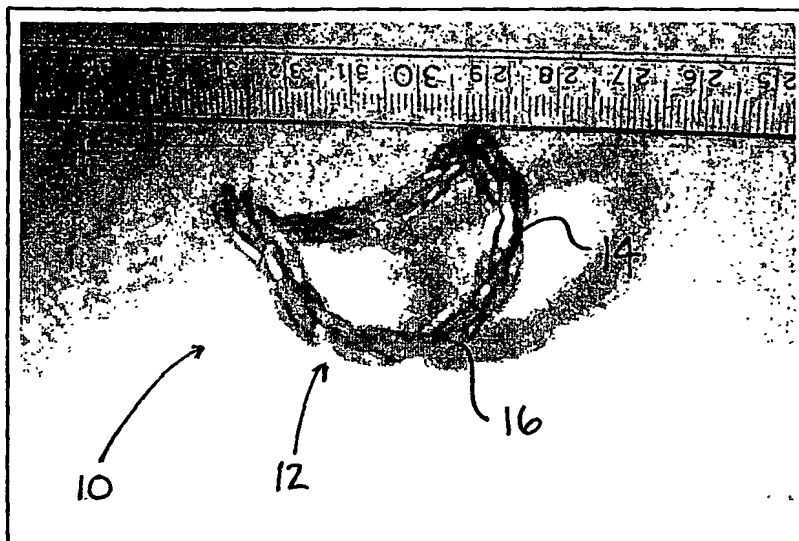
PCT

(10) International Publication Number  
**WO 2005/002469 A3**

- (51) International Patent Classification<sup>7</sup>: **A61F 2/06**
- (21) International Application Number:  
PCT/US2004/020219
- (22) International Filing Date: 25 June 2004 (25.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/482,393 25 June 2003 (25.06.2003) US
- (71) Applicant (for all designated States except US): **GEORGIA TECH RESEARCH CORPORATION** [US/US];  
505 Tenth Street, Atlanta, GA 30332 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **JIMENEZ, Jorge Hernan** [CO/US]; 1204 Atlantic DR NW, Atlanta GA 30318-5314 (US). **YOGANATHAN, Ajit, P.** [US/US]; 3555 Castleridge Dr, Tucker GA 30084-3910 (US). **HE, Zhaoming** [CN/US]; 500 Northside Cir NW Apt MM11, Atlanta GA 30309 2123 (US).
- (74) Agent: **SCHNEIDER, Ryan, A.**; Troutman Sanders LLP, Bank of America Plaza,, 600 Peachtree Street, N.E., Suite 5200, Atlanta, GA 30308-2216 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Declaration under Rule 4.17:**  
— of inventorship (Rule 4.17(iv)) for US only
- Published:**  
— with international search report  
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: ANNULOPLASTY CHAIN



(57) Abstract: An annuloplasty chain (10) is disclosed. The chain (10) can be fabricated from metal, and include a shielding layer (60) and a suturing layer (80).



**(88) Date of publication of the International search report:**

14 April 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*